

NON-REUSABLE IDENTIFICATION DEVICE

ABSTRACT OF THE DISCLOSURE

An identification device has a band and a non-reusable tamper-resistant fastening arranged to join opposite end regions of the band to fasten it around a limb of a user. A transponder circuit is attached to the band, and is responsive to a received wireless signal. In response to the received wireless signal, the transponder emits a wireless signal representative of information pre-stored in the transponder. An electrically conductive continuous loop on the band extends from the transponder and forms an electrically continuous path along substantially the entire length of the band, the loop being frangible and easily broken in response to an attempt to remove the band from the wearer's limb. Circuitry in the transponder is electrically connected to the loop and arranged to become inoperative and disable the transponder if the loop is broken.

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